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<110> Max-Planck-Gesellschaft z.
Förd. d. Wissenschaften

<120> Plants With Modified Gene Expression

<130> DEBE:005US

<140> 10/030,386

<140> 2002-01-02

<150> PCT/DE00/02233

<151> 2000-07-03

<150> DE 199 30 570.6

<151> 1999-07-02

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<170> PatentIn Ver. 2.1

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<213> *Arabidopsis thaliana*

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 35 40 45
 Asp Arg Ile Asn Leu Asn Ser Asn Leu Asp Leu Asn Pro Asn Pro Leu
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 65 70 75 80
 Arg Glu Val Asp Val Asp Leu His Ile Gly Leu Pro Gly Phe Gly Lys
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 165 170 175
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 Cys Cys Val Glu Gly Cys Arg Asn His Ile Asp His Pro Arg Ser Lys
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 Pro Leu Lys Asp Phe Arg Thr Leu Gln Thr His Tyr Lys Arg Lys His
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 Gly His Lys Pro Phe Ser Cys Arg Leu Cys Gly Lys Leu Leu Ala Val
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<213> *Arabidopsis thaliana*

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<211> 383

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

Peptide

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Leu	Pro	Pro	Val	Thr	Pro	Pro	Ser	Ser	Phe	Phe	Phe	Phe	Pro	Gln	Ser
			35				40					45			
Gly	Asp	Leu	Arg	Arg	Pro	Pro	Pro	Pro	Pro	Thr	Pro	Pro	Pro	Ser	Pro
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	65				70					75					80
Gln	Gln	Asp	His	His	His	Asn	His	Asp	His	Leu	Ile	Gln	Glu	Pro	Pro
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Ser	Thr	Ser	Met	Asp	Val	Asp	Tyr	Asp	His	His	His	Gln	Asp	Asp	His
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Ser	Ser	Ser	Ser	Ser	Ser	Ser	Arg	Thr	Thr	His	His	His	Glu	Asp	Met
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Gly	Gly	Glu	Asp	Asp	Asp	Glu	Asp	Ser	Val	Gly	Gly	Asp	Gly	Gly	Cys
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Lys	Cys	Gly	Lys	Ala	Phe	Ala	Val	Arg	Gly	Asp	Trp	Arg	Thr	His	Glu
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<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic Peptide

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			20					25					30		
Tyr	Leu	Ala	Phe	Thr	Gly	Phe	Leu	Thr	Gln	Leu	His	His	Leu	Glu	Ile
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Asn	Tyr	Ser	Phe	Asn	Tyr	Ala	Thr	Ser	Leu	Ser	Arg	Ile	Tyr	Asn	Ser
				85					90					95	
His	Asp	Ser	Phe	Phe	Phe	Phe	Pro	Gln	Ser	Gly	Asp	Leu	Arg	Arg	Pro
			100					105					110		
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Asp	His	Asp	Val	Thr	Val	Ala	Leu	His	Ile	Gly	Leu	Pro	Ser	Pro	Ser	180	185	190
Ala	Gln	Glu	Met	Ala	Ser	Leu	Leu	Met	Met	Ser	Ser	Ser	Ser	Ser	Ser	195	200	205
Ser	Arg	Thr	Thr	His	His	His	Glu	Asp	Met	Asn	His	Lys	Lys	Asp	Leu	210	215	220
Asp	His	Glu	Tyr	Ser	His	Gly	Ala	Val	Gly	Gly	Gly	Glu	Asp	Asp	Asp	225	230	235
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Lys	Gly	Gln	Tyr	Trp	Ile	Pro	Thr	Pro	Ser	Gln	Ile	Leu	Ile	Gly	Pro	260	265	270
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Ala	Val	Arg	Gly	Asp	Trp	Arg	Thr	His	Glu	Lys	Asn	Cys	Gly	Lys	Leu	370	375	380
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Asp	His	Ile	Lys	Ala	Phe	Thr	Asn	Gly	His	Gly	Ala	Tyr	Gly	Ile	Asp	405	410	415
Gly	Phe	Asp	Glu	Glu	Asp	Glu	Pro	Ala	Ser	Glu	Val	Glu	Gln	Leu	Asp			

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 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic Peptide

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 35 40 45
 Thr His Thr Thr Ser Thr Ser Pro Asn Ser Pro Pro Leu Arg Glu Ala
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 Leu Pro Leu Leu Ser Leu Ser Pro Ile Arg His Gln Glu Gln Gln Asp
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 Gln His Tyr Phe Met Asp Thr His Gln Ile Ser Ser Ser Asn Phe Leu
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 Asp Asp Pro Leu Val Thr Val Asp Leu His Leu Gly Leu Pro Asn Tyr
 100 105 110
 Gly Val Gly Glu Ser Ile Arg Ser Asn Ile Ala Pro Asp Ala Thr Thr
 115 120 125
 Asp Glu Gln Asp Gln Asp His Asp Arg Gly Val Glu Val Thr Val Glu
 130 135 140
 Ser His Leu Asp Asp Asp Asp Asp His His Gly Asp Leu His Arg Gly
 145 150 155 160
 His His Tyr Trp Ile Pro Thr Pro Ser Gln Ile Leu Ile Gly Pro Thr
 165 170 175
 Gln Phe Thr Cys Pro Leu Cys Phe Lys Thr Phe Asn Arg Tyr Asn Asn
 180 185 190
 Met Gln Asn Asn Ile Asp His Pro Arg Ala Lys Pro Leu Lys Asp Phe
 195 200 205

Arg Thr Leu Gln Thr His Tyr Lys Arg Lys His Gly Ser Lys Pro Phe
210 215 220

Ala Cys Arg Met Cys Gly Lys Ala Phe Ala Val Lys Gly Asp Trp Arg
225 230 235 240

Thr His Glu Lys Asn Cys Gly Lys Leu Trp Tyr Cys Ser Cys Gly Ser
245 250 255

Asp Phe Lys His Lys Arg Ser Leu Lys Asp His Val Lys Ala Phe Gly
260 265 270

Asn Gly His Val Pro Cys Gly Ile Asp Ser Phe Gly Gly Asp His Glu
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<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
Peptide

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Cys Ala Ala Gly Cys Arg Asn Ser Val Ser His Pro Arg Ala Arg Pro
35 40 45

Leu Lys Asp Phe Arg Thr
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